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FIG. 1

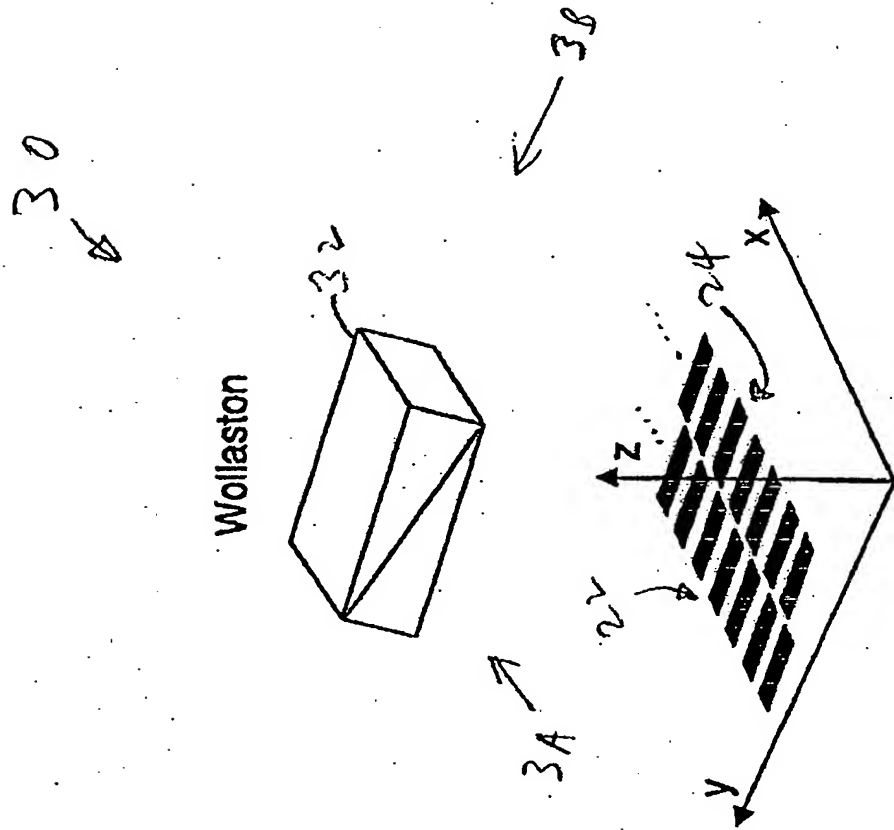


FIG. 2

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Front view

Side view

30

30

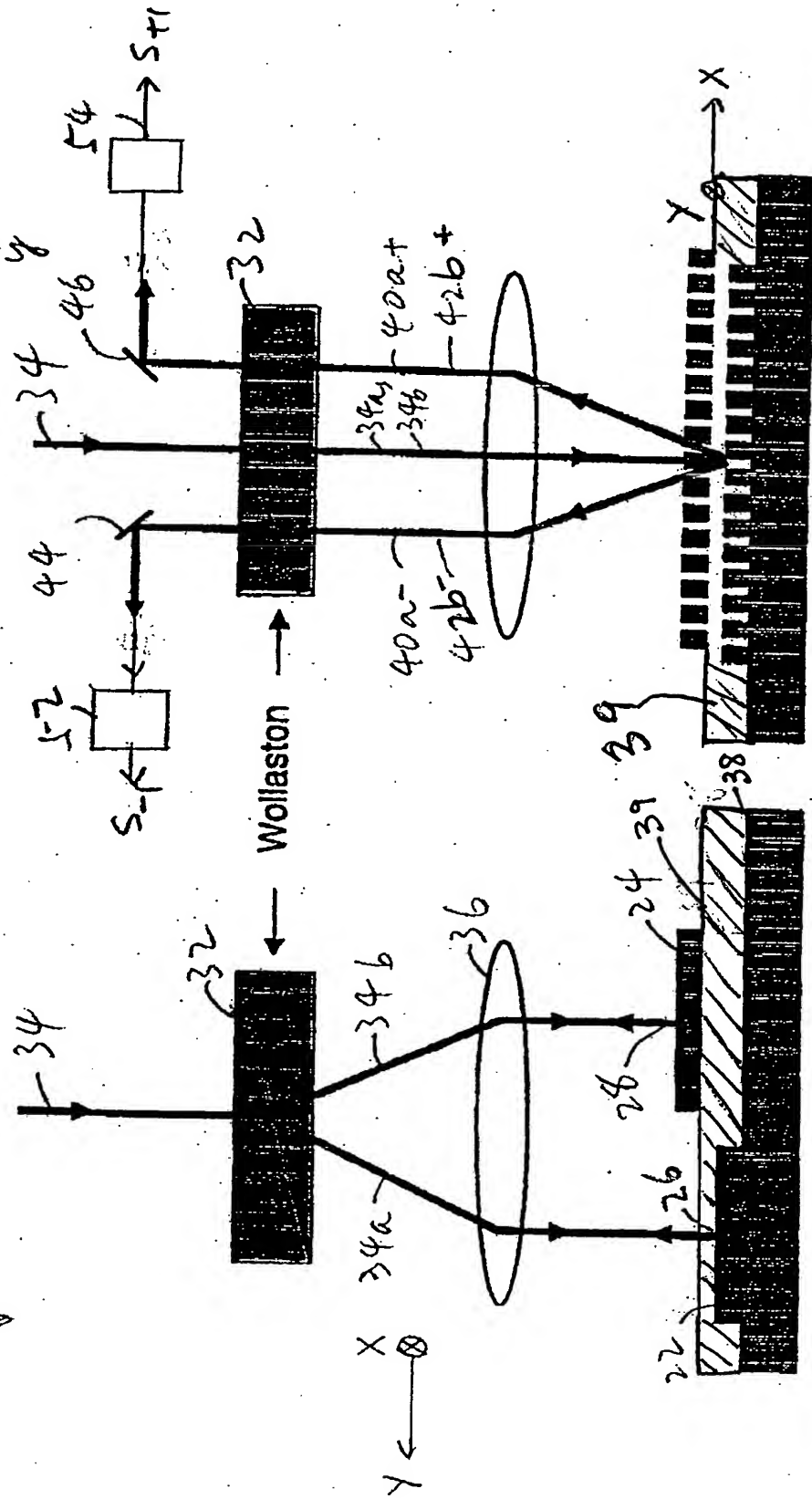
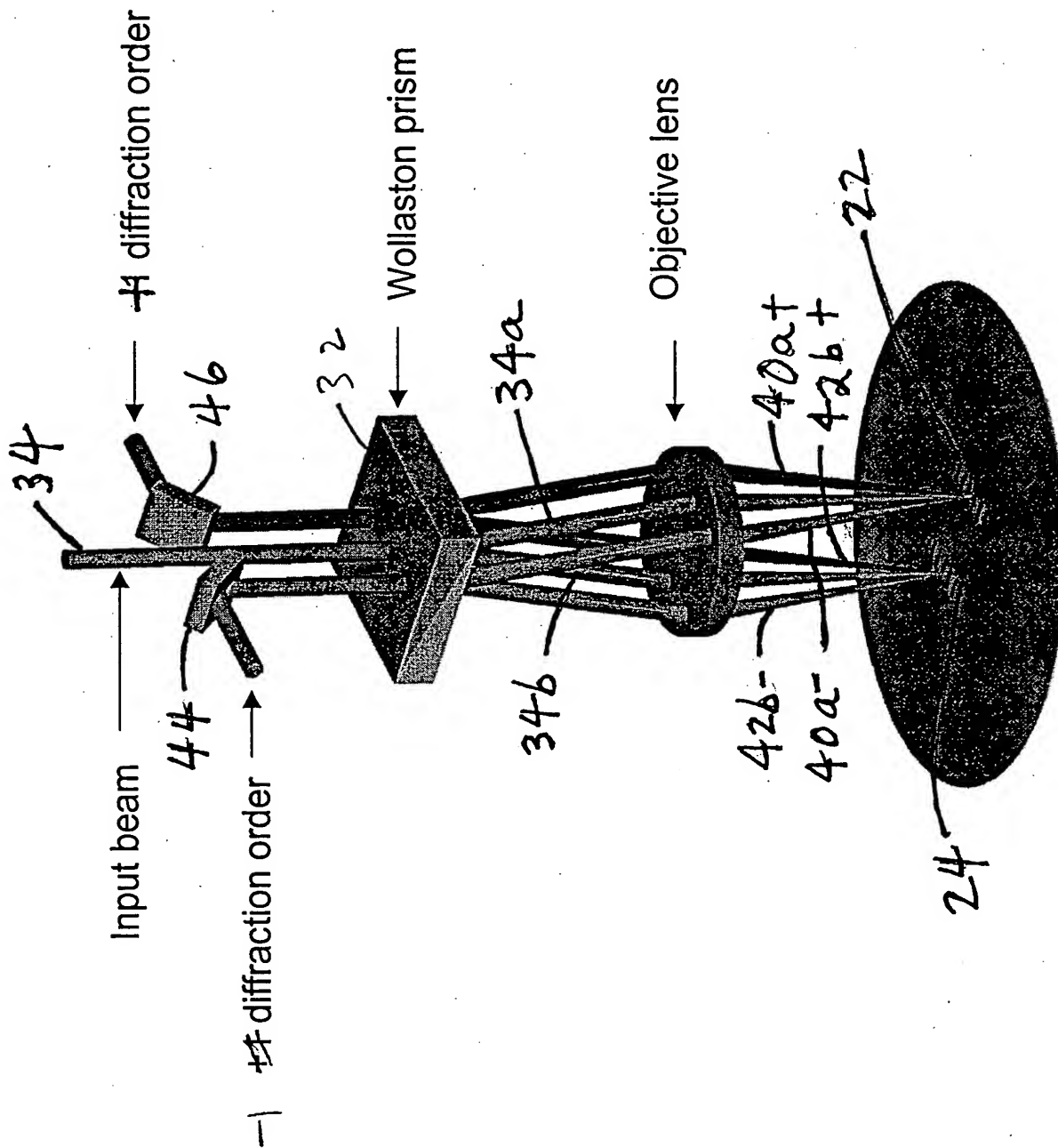


FIG. 3A BEST AVAILABLE COPY

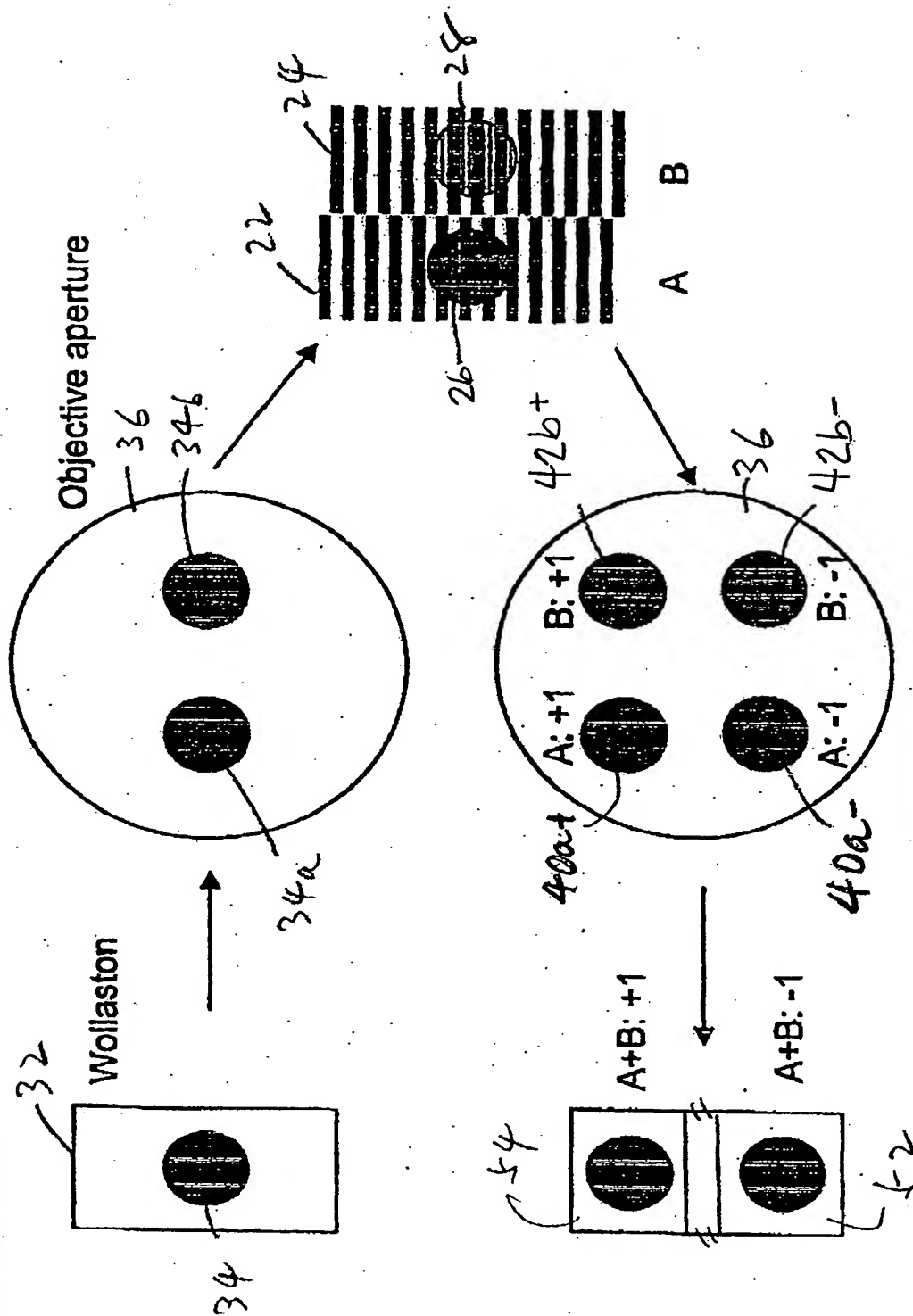
FIG. 3B



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FIG. 3C

Optics train



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FIG. 4

Design parameters for Wollaston prism (for small angle)

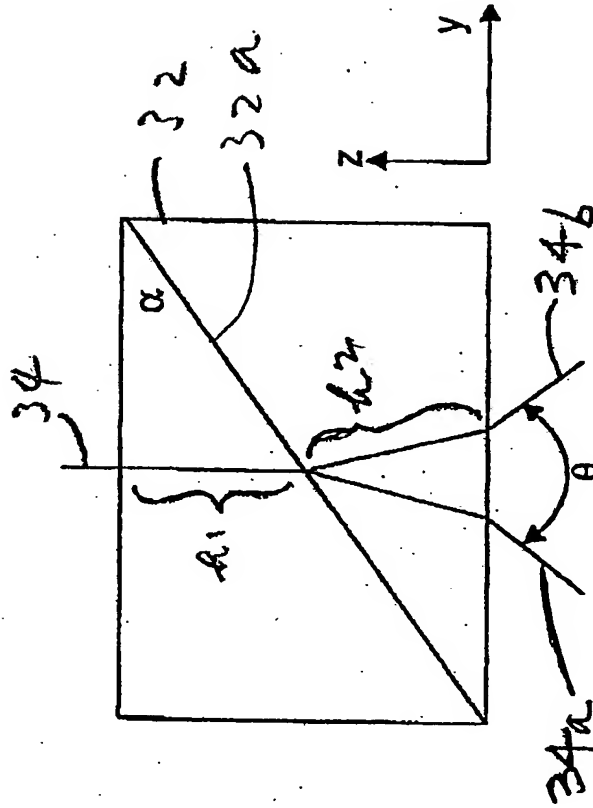


FIG. 5

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Overlay error calculation

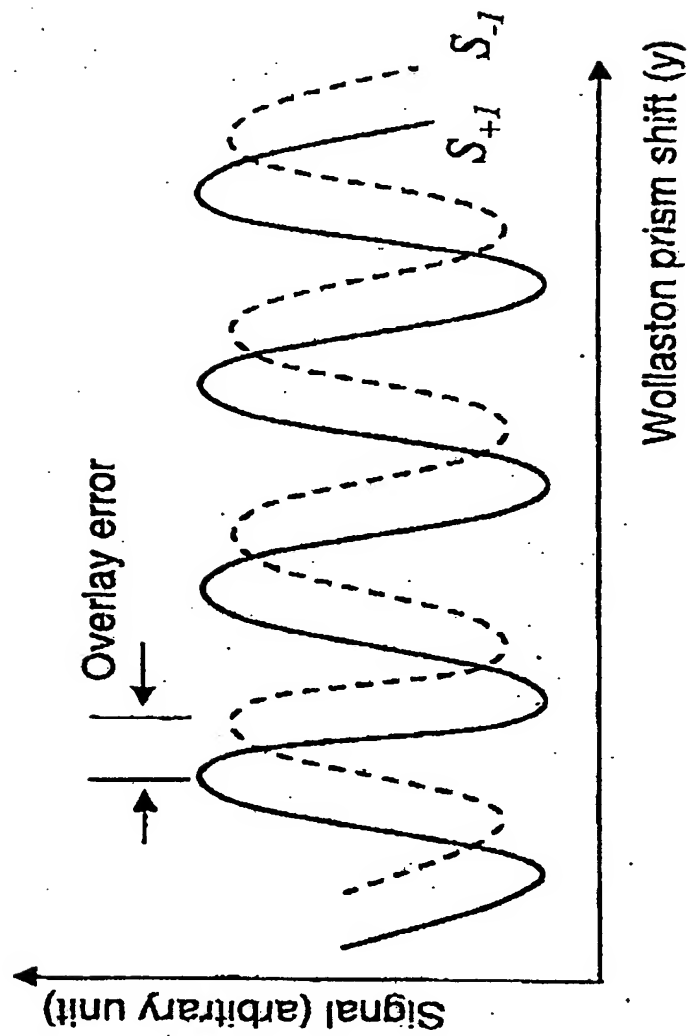


FIG. 6

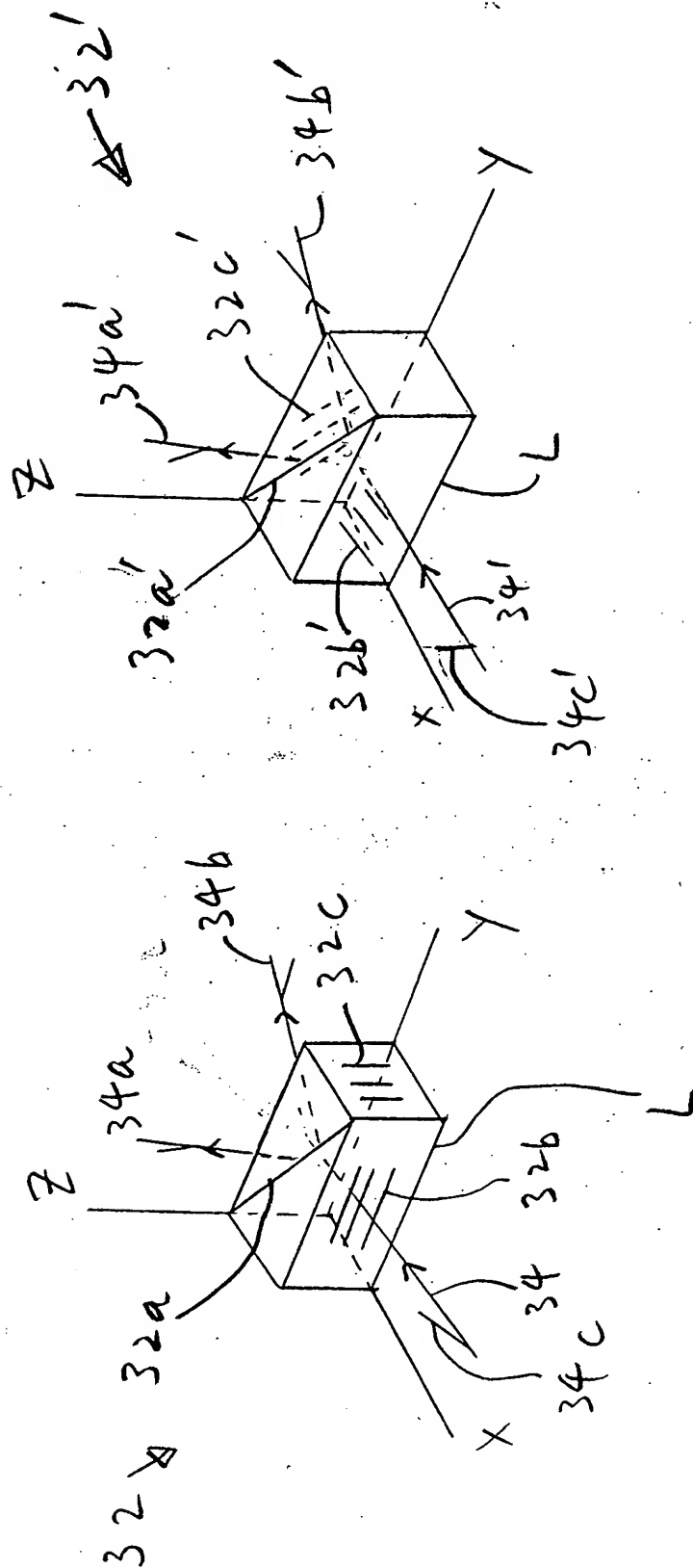
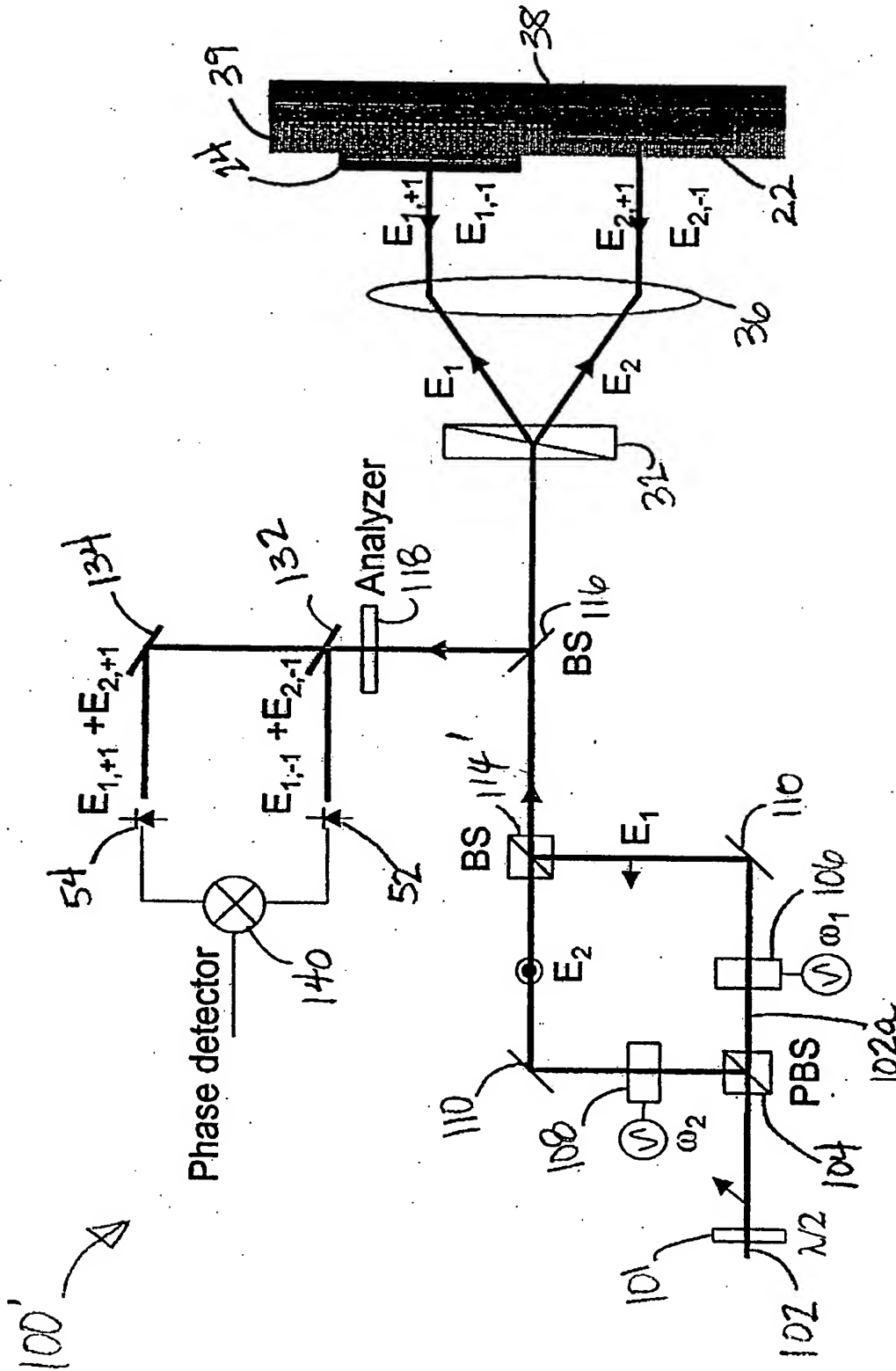


FIG. 7A

FIG. 7B

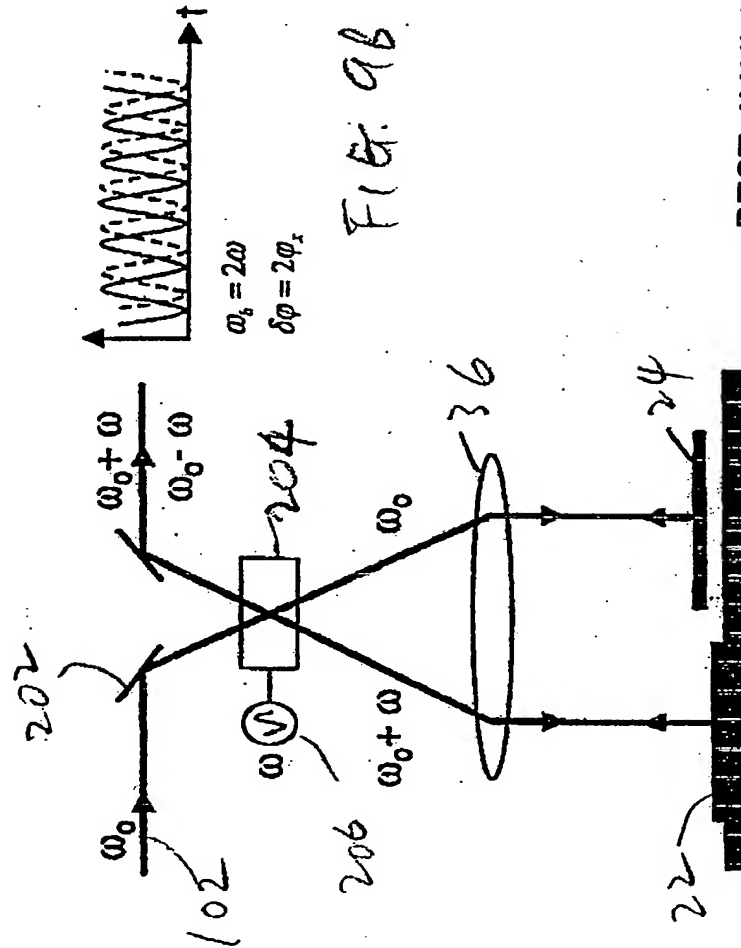
Fig. 88



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Single AOD Heterodyne detection

200



upshifted
 split

M. H. K. K. K. K. K.
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FIG. 9A

KLA Tencor

Mercury Division

1/20/00

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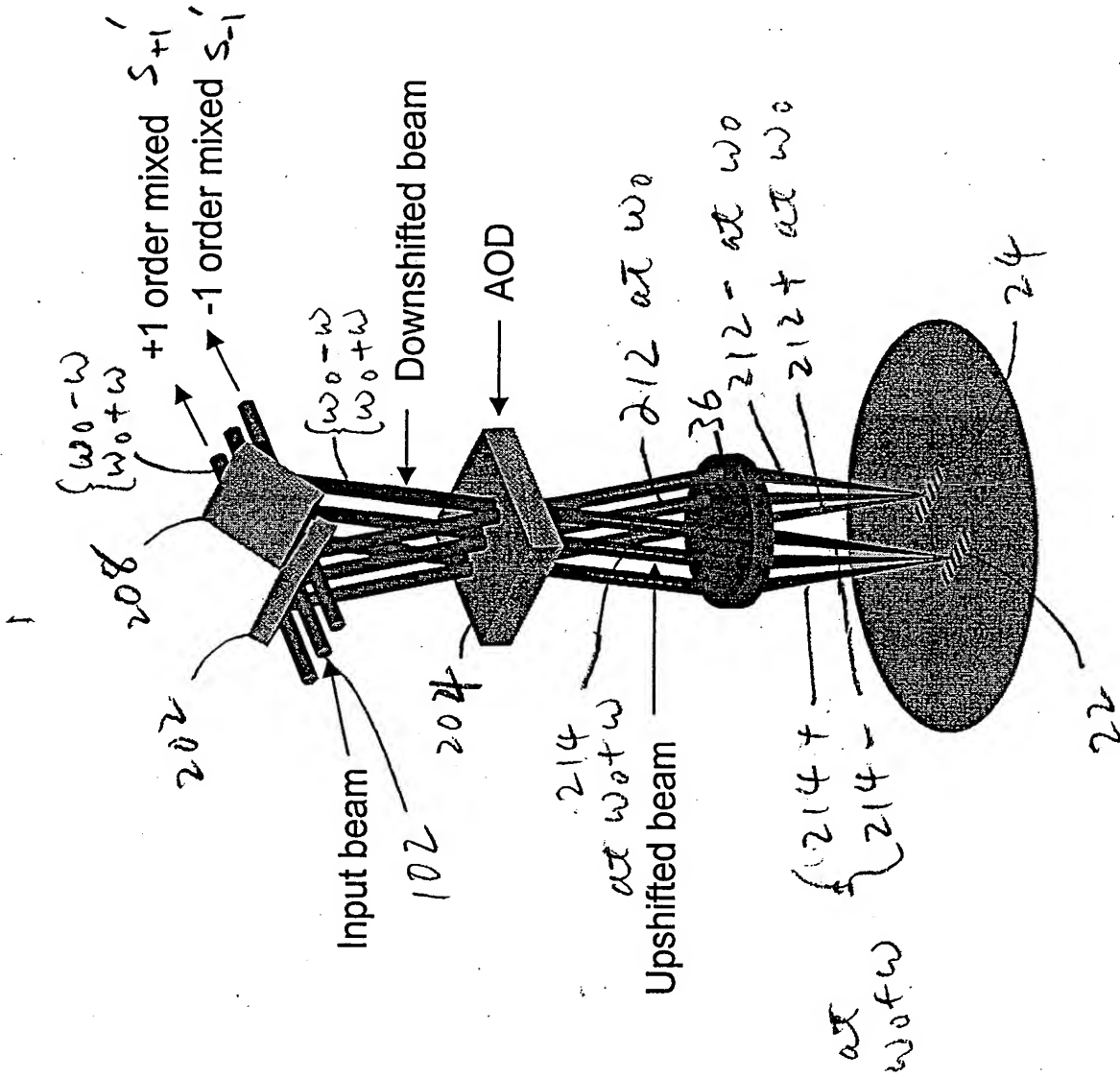


FIG. 9C

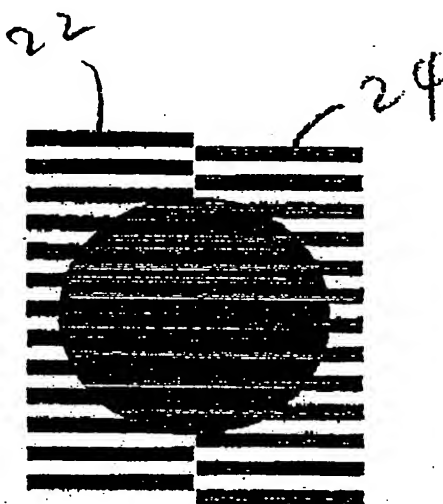


FIG. 10.

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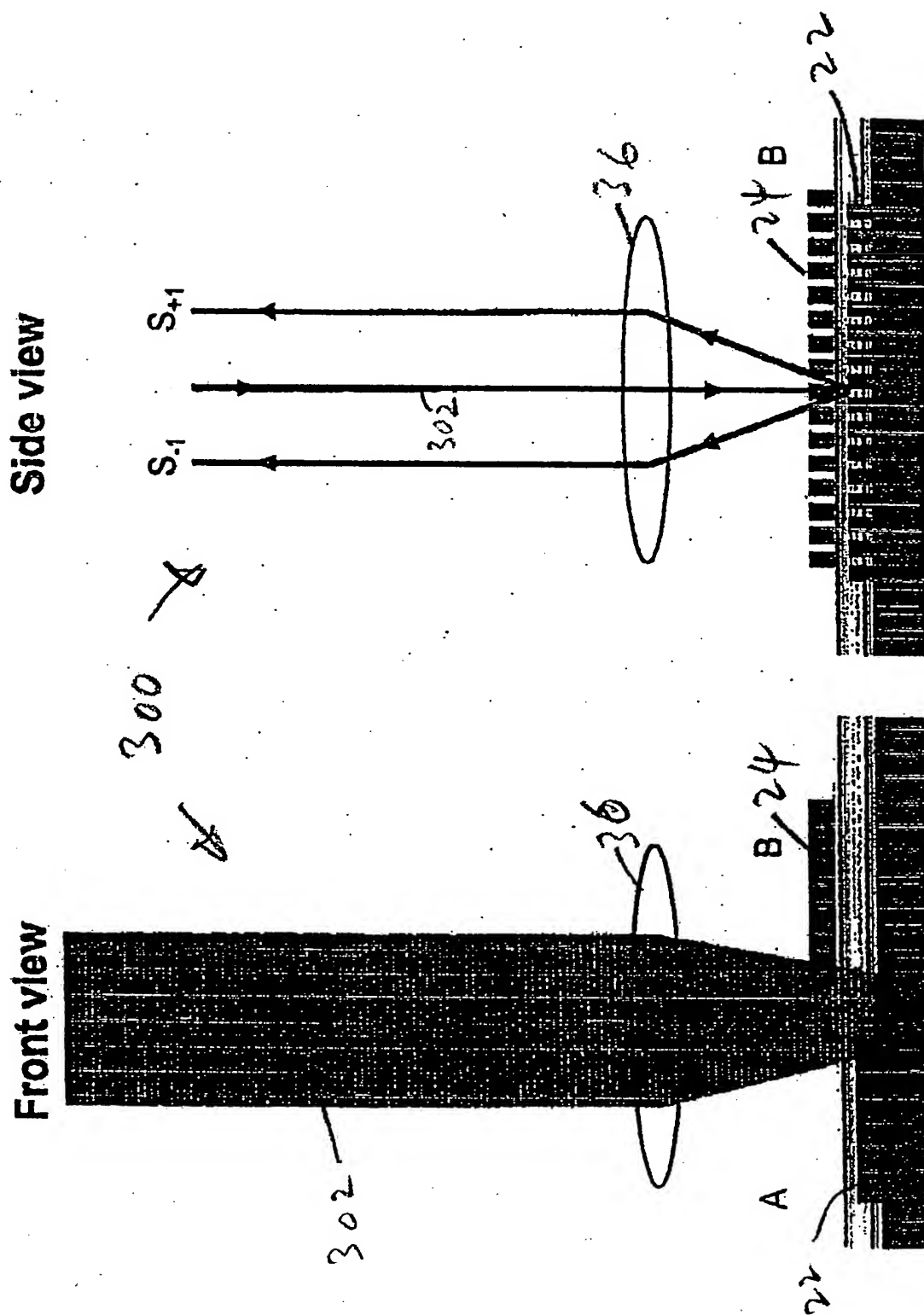


FIG. 11A

FIG. 11B

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Figure 2

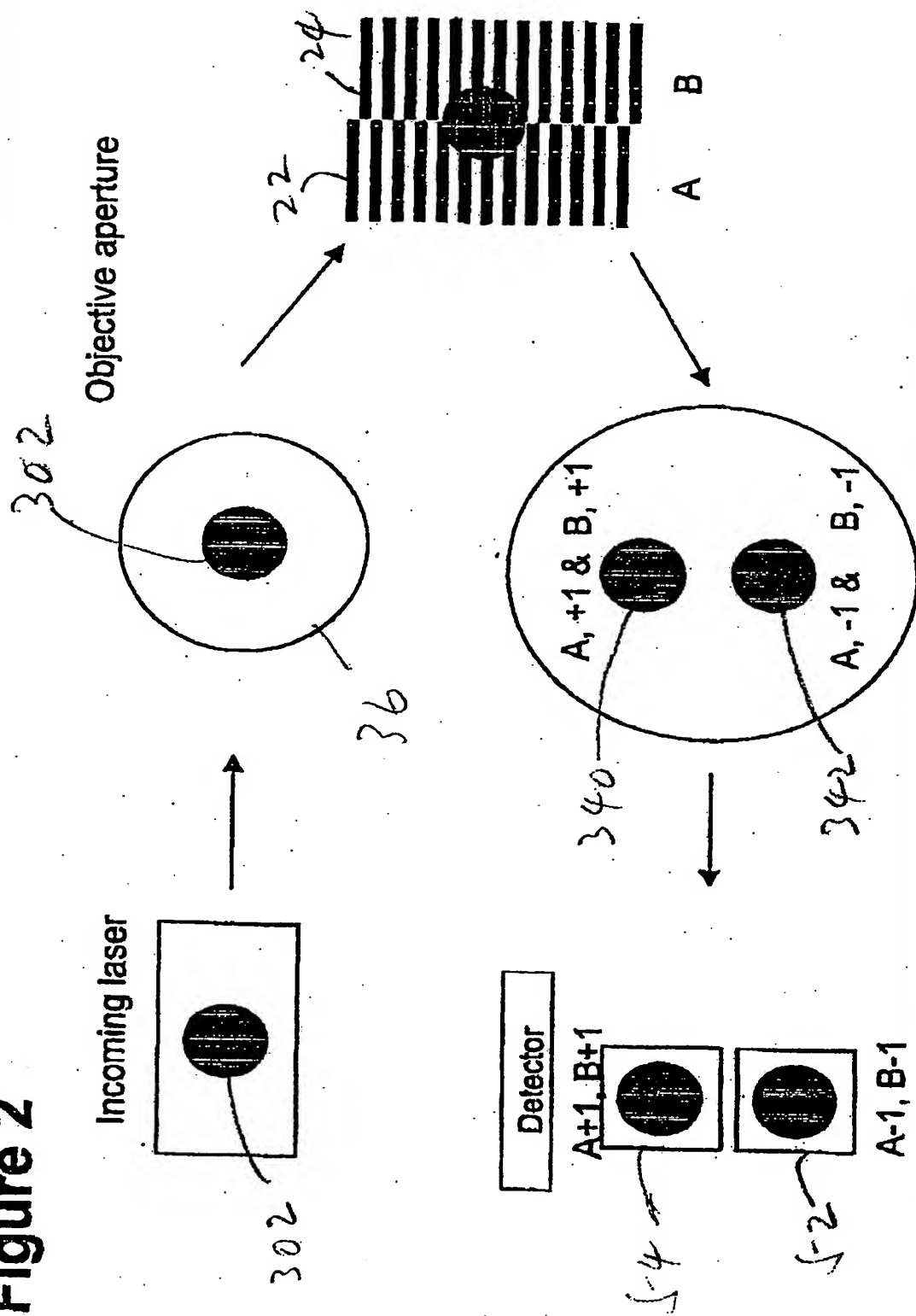
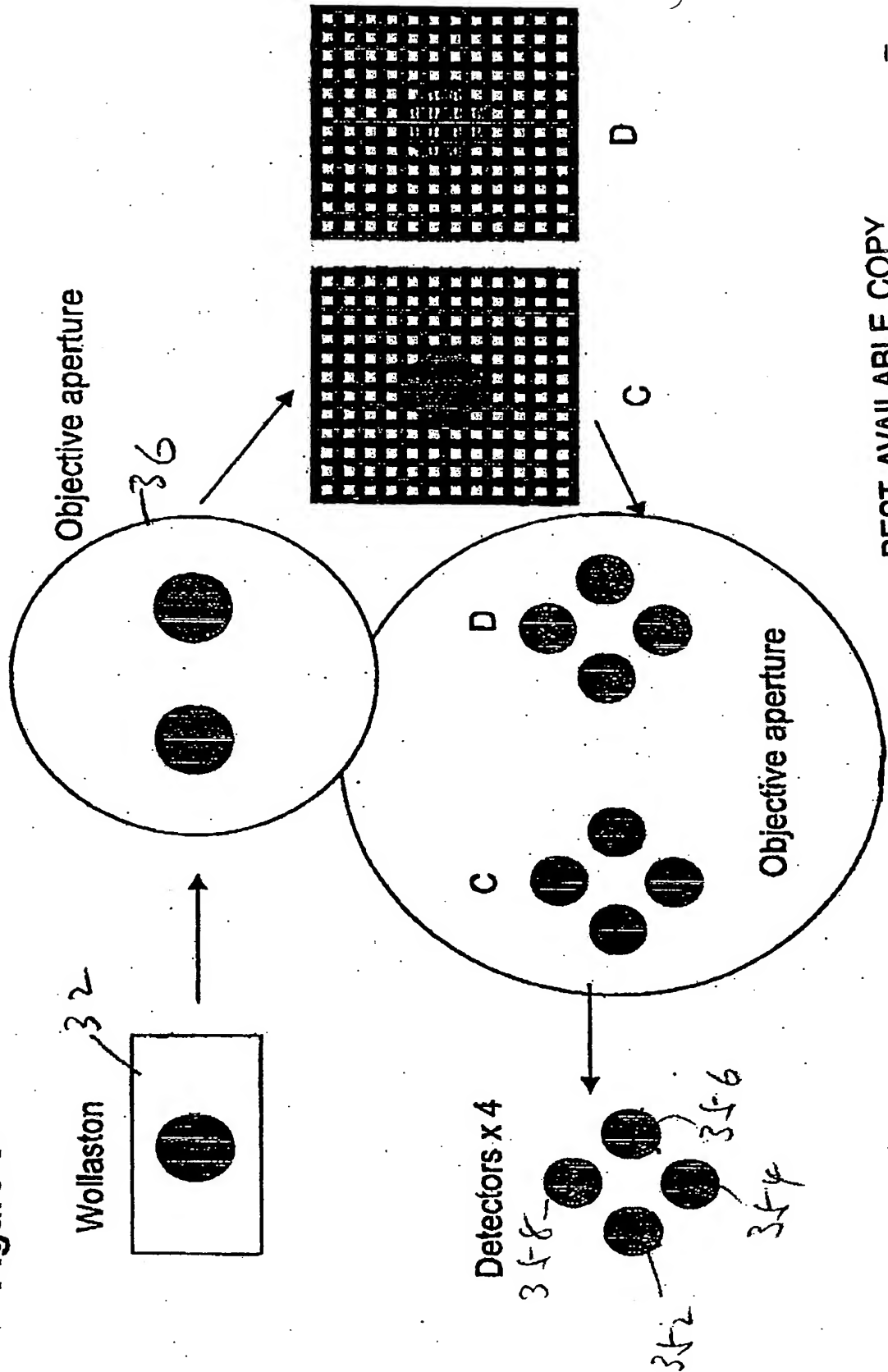


Figure 3



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FIG. 14

